

AWEX-G Forecast for Sunday, Nov. 2 (Nov 3 UT)

Forecast (updated 6:45pm CST): Similar to last night, broken cloud cover with bases only a few thousand feet. Cloud bases should lower even more around midnight. Winds from SE close to 5m/s launch criterion. RUC cloud analysis seems to match well with obs at about 2300Z (5pm), so expect RUC cloud forecast to be usable for at least a few hours. Proximity of front again tonight should keep skies cloudy.

Synopsis: 0Z [surface analysis](#) Stationary front to the north of operations area from OK panhandle across southern and SE Kansas.

[OK mesonet](#): Temps in the low 70s with dewpoints in the mid-60s. Winds light and from the SE.

[Grant County forecast](#): Tonight. Mostly cloudy. Isolated drizzle in the evening. Lows in the lower 60s. South winds 10 to 15 mph.

[RUC cloud forecast](#): low cloud cover over or in vicinity of CART site throughout the night.

Observations at SGP@00 Z: intermittent clouds. Moon visible, clouds increasing, base lowering.

We decided, at the 7pm daily AWEX-G meeting, that we should go with a single 350g balloon @ 0330 Z with RS-80, RS-90 and Internet payloads.

We hope there may be a clearing ... if not, we can use the cloudy data also. The Frostpoint Hygrometer (w/RS-80 and ShowWhite) will not be launched tonight (Holger and Eric had a hard day today trying to retrieve the package and need the well deserved rest).

SRL was operational from ~0230 –. CARL ran throughout.

Belay

PS. It is 11:00 ... we have decided to send a RS-80 and Internet with the standard AIRS ARM launch at 11:30.

WX: Broken clouds, moon clearly visible and SRL data at times good to 10km or higher.